

GAU 1775

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE INDICATED BELOW.

Victoria A Jones

DATE: 4/12/01

PATENT

#9/C
5-9-01
BOK



Box Non-Fee Amendment (Pats)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of : Group Art Unit: 1775
Nanning J. Arfsten, *et al.* :
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Appln. No.: 09/437,948 : Examiner: L. Miranda
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Conf. No.: 8672 :
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Filed: November 10, 1999 :
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:
For: NIOBIUM OXIDE-BASED LAYERS : Attorney Docket
FOR THIN FILM OPTICAL COATINGS : No. 275-3
AND PROCESSES FOR PRODUCING :
THE SAME :

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APR 19 2001
TECHNOLOGY CENTER 1100

AMENDMENT

This Amendment is being filed in response to the Office Action dated January 17, 2001 (Paper No. 7) in the above-identified application.

Please amend the above-identified application pursuant to 37 C.F.R. § 1.121(c)(1) as follows without prejudice:

In the claims:

Please amend claims 1 and 12 to read as follows, including the underlined additions and bracketed deletions shown on the Attached Appendix: Marked-up Version of Claims 1 and 12.

c1 SubE cont'd
--1. (Twice amended) A coated substrate having a thin film optical coating, the coating having a layer comprising sol-gel derived niobium oxide, wherein the layer is capable of providing an index of refraction of at least about 1.90.

c2 SubE cont'd
--12. (Twice amended) A coated substrate having a thin film optical coating, the coating having a layer comprising a sol-gel derived oxide system, the sol-gel derived oxide system comprising niobium oxide, silicon dioxide and aluminum oxide, wherein the layer is capable of providing an index of refraction of from about 1.60 to about 1.90.--